

FIG. 1A

Mouse	Microtrro	1	ATGGCCAAGTATGGGGACCTTGAAGCCAGGCCCTGATGATGGGCAGAACGA	50
Human	Microtrro	1	ATGGCCAAGTATGGGAGAACATGAAGCCAGTCCCTGACAATGGGCAGAACGA	50
Canine	Microtrr	1	ATGGCCAAGTATGGGAGAACATGAAGCCAGTCCCTGATAATGGGCAGAACGA	50
		*****	*****	*****
Mouse	Microtrro	51	ATTCAGTGACATCATTAAAGTCCAGATCTGATGAACACATGATGTACAGA	100
Human	Microtrro	51	ATTCAGTGATATCATTAAAGTCCAGATCTGATGAACACATGACGTACAGA	100
Canine	Microtrr	51	ATTCAGTGACATCATTAAAGTCCAGATCTGATGAACACATGACGTGGAGA	100
		*****	*****	*****
Mouse	Microtrro	101	AGAAAACCTTACCAAAATGGATAAACGCTCGATTTCACAGAGTGGAAA	150
Human	Microtrro	101	AGAAAACCTTACCAAAATGGATAAACGCTCGATTTCACAGAGTGGAAA	150
Canine	Microtrr	101	AGAAAACCTTACCAAAATGGATCAATGCGCGATTTCACAGAGTGGAAA	150
		*****	*****	*****
Mouse	Microtrro	151	CCACCCATCAGTGATATGTTCTCAGACACTCAAAGATGGGAGAACGCTCTT	200
Human	Microtrro	151	CCACCCATCAATGATATGTTCACAGACCTCAAAGATGGGAGAACGCTATT	200
Canine	Microtrr	151	CCACCCATCAATGATATGTTCACAGACCTCAAAGATGGGAGAACGCTCCT	200
		*****	*****	*****
Mouse	Microtrro	201	GGATCTTCTCGAAGGCCCTCACAGGAACATCATGGCAAGAACGGGGTT	250
Human	Microtrro	201	GGATCTTCTAGAAGGCCCTCACAGGAACATCATGGCAAGAACGGGGTT	250
Canine	Microtrr	201	GGATCTTCTGGAAAGGCCCTCACAGGAACATCATGGCAAGAACGGGGTT	250
		*****	*****	*****

FIG. 1B

Mouse	Microtrro	251	CCACAAAGGGTGCATGGCCTAAACAAATGTCAACCCGAGTGGCTACAGGTTTA	300
Human	Microtrro	251	CCACAAAGGGTACATGGCCTAAATACGTCAACAGAGTGGCTGGAGGTTTA	300
Canine	Microtrr	251	CCACAAAGGGTACATGGCTTAATATGTCAACAGAGTGGCTGGAGGTTTG	300
		*****	*****	*****
Mouse	Microtrro	301	CATCAGAACAAATGTGGACTTGGTGAATAATTGGAGGCACGGACATTTGTGGC	350
Human	Microtrro	301	CATCAGAACAAATGTGGAAATTAGTGAATAATAGGGGAACGTGACATTTGTGGA	350
Canine	Microtrr	301	CATCAGAACAAATGTGGATTTAGTGAATAATAGGAGGAACGTGACATTTGTAGA	350
		*****	*****	*****
Mouse	Microtrro	351	TGGAAATCCCAAGCTGACTTTAGGGTTACTCTGGAGGCATCATTCTGCACT	400
Human	Microtrro	351	TGGAAATCACAAACTGACTTTGGGGTTACTTTGGAGCATCATTCTGCACT	400
Canine	Microtrr	351	TGGAAATCACAAACTGACTTTGGGGATTACTTTGGAGCATCATTCTGCACT	400
		*****	*****	*****
Mouse	Microtrro	401	GGCAGGGTGAAGGATGTCAATGAAAGATAATCATGTCAGACTTGAGCAGAGACA	450
Human	Microtrro	401	GGCAGGGTGAAGGATGTCAATGAAAGGATGTCAAGGATGTCAATGTCGGACCTGCAGCAGACG	450
Canine	Microtrr	401	GGCAGGGTAAAAGGATGTCAATGAAAGGATGTCAATGTCAGACTGCAGCAGACA	450
		*****	*****	*****
Mouse	Microtrro	451	AACAGCGGAGAAGATCCCTGCTGAGCTGGGTGGGGAGACACCCAGGCCCTA	500
Human	Microtrro	451	AACAGTGAGAAGATCCTGCTCAGCTGGGTGGCTCAGACACCCAGGCCCTA	500
Canine	Microtrr	451	AACAGTGAGAAGATCCTACTGAGCTGGGTGGCCAGTCTACTAGGCCGTA	500
		*****	*****	*****

FIG. 1C

Mouse	Microtrou	501	CAGTCAAAGTCAACGTCCTCAACTTCACCACCGACTGGACCGATGGACTCG	550
Human	Microtrou	501	CAGCCAAAGTCAACGTCCTCAACTTCACCACCGACTGGACAGATGGACTCG	550
Canine	Microtrou	501	CAGCCAAAGTCAACGTCCTCAACTTCACCACCGACTGGACAGATGGACTGG	550
		***	*** *	
Mouse	Microtrou	551	CGTTCAAACGCCGTGCTCCACCGGCCACAAACCAAGATCTCTCGACTGGGAC	600
Human	Microtrou	551	CCTTAAATGCTGCCTCCACCGACATAAACCTGATCTCTTCAGCTGGGAT	600
Canine	Microtrou	551	CCTTAAATGCTGTGCTGCACCGACATAAACCTGATCTCTTCAGCTGGGAT	600
		* *		
Mouse	Microtrou	601	GAGATGGTCAAAATGTCCTCAATTGAGAGACTTGACCATGCTTTGACAA	650
Human	Microtrou	601	AAAGTTGTCAAAATGTCACCAATTGAGAGACTTGAAACATGCCTTCAGCAA	650
Canine	Microtrou	601	AGAGTTGTCAAAATGTCCTCAATTGAGAGACTTGAAACATGCCTTCAGCAA	650
		* *		
Mouse	Microtrou	651	GGCCACACACTCTTGGAAATTGAAAGCTCTAAAGTCTGAAACTGTTG	700
Human	Microtrou	651	GGCTCAAACCTTATTGGAAATTGAAAGCTTAGATCTGAAGATGTTG	700
Canine	Microtrou	651	AGCTCAAACCTTATTGGAAATTGAAAGCTTAGATCTGAAGATGTTG	700
		* *		
Mouse	Microtrou	701	CTGTGCATCTCCTGACAGAAATCCATAATTATGTTAACGTCTCTG	750
Human	Microtrou	701	CGGTTCGGCTTCCTGACAGAAATCCATAATTATGTTAACATCTTIG	750
Canine	Microtrou	701	CGGTCAACTTCCTGACAGAAATCCATAATTATGTTAACATCTTIG	750
		* *		

FIG. 1D

Mouse Microtrro	751	TTTGGAGGTGCTCCTCAGCAAGTCACGTAGGATGCCATCCGAGGGTGGAA	800
Human Microtrro	751	TTTGGAGGTGCTACCTCAGCAAGTCACCATAGACCCATCCGTGAGGTAGA	800
Canine Microtrr	751	TTTGGAGGTGCTCCTCAGCAAGTCACCTCTAGATGCCATCCGTGAGGTAGA	800
		*****	*****
Mouse Microtrro	801	GA C T C T C C C A A G G A A G T A A A G A A T G T G A A G A G G A A A T C A T A	850
Human Microtrro	801	G A C A C T C C C A A G G A A A T A A A A A G A A T G T G A A G A A G G C A A T T A A T A	850
Canine Microtrr	801	G A C A C T C C C A A G G A A A T A A A G A A T G T G A A G A G G A G A T T A G T A	850
		*****	*****
Mouse Microtrro	851	T C C A G A G T G C A G T G C T G C C A A G G C C A A G A G T T C C C G A G G C T G A G A C C	900
Human Microtrro	851	T A C A G A G T A C G G C C T G A G G A G G C A T G G A G T T C C C G A G G C T G A A A C T	900
Canine Microtrr	851	T A C A G A G C T C A G G C C A A G G A G G C A T G A G T G T C C C G G A G G C T G A A A C C	900
		*****	*****
Mouse Microtrro	901	C C T A G C A C C G T C A C T G A A G T G G C A T G G A C A G G T T G G A C A G G A T A G G C	950
Human Microtrro	901	C C C A G C A C T G T C A C T G A G G T C G A C A T G G A T T G G A C A G C T A T C A G A T T G C	950
Canine Microtrr	901	C C C A G C A C T G T C A C T G A A G T G A C A C A C G G A T C T G G A C A G G T A T C A G A T A G C	950
		*****	*****
Mouse Microtrro	951	G C T A G A G G A A G T G G C T G A C G T G G C T G C T C C G G G A G G A C A C G T T C C A G G	1000
Human Microtrro	951	G T T G A G G A A A G T G G C T G A C C T G G T I G C T G A G G A C A C T T C C A G G	1000
Canine Microtrr	951	A C T G G A G G A A A G T G G C T G A C C T G G T I G C T G C C G A G G A C A C T T C C A G G	1000
		*****	*****

FIG. 1E

Mouse	Microtrou	1001	AGCAACATGACATTTCTGATGATGTTCTGAAAGGAAGTCAAAGGCAAGTGGCT	1050
Human	Microtrou	1001	AGCAGGATGATATTCTGATGATGTTGAAAGAACAGACTTGTCA	1050
Canine	Microtrou	1001	AGCAGGATGACATTTCTGATGATGTTGAAAGAACAGACTTGTCA	1050
		*****	*****	*****
Mouse	Microtrou	1051	ACCCATGAAACTTTATGATGGAGCTGACAGCACCCAGAGCAGGGACTCTGTCCA	1100
Human	Microtrou	1051	ACCCATGAACTTTATGATGGAACTGACTGGCACACCCAGAGCAGGTGGG	1100
Canine	Microtrou	1051	ACCCATGAACTTTATGATGGAGCTGACAGGCCACCCAGAGCAGGTGGG	1100
		*****	*****	*****
Mouse	Microtrou	1101	GAGCGTCCTGCAGGTGGCAACCGAGCTGATGACACAAGGGACTCTGTCCA	1150
Human	Microtrou	1101	CAGCGTCCTGCAGGCAGGCAACCAACTGATAAACAGGAACACTCTGTCA	1150
Canine	Microtrou	1101	CAGTGTTCCTGGAGGAAACCGAGCTGATAACGCAAGGAACACTCTGTCA	1150
		*****	*****	*****
Mouse	Microtrou	1151	GAGGGAGGAGTTGAGATCCAGGAACAGATGACCTTGCTGAATGCAAGG	1200
Human	Microtrou	1151	ACGAAGAACGAAATTGAGATTCAAGAACAGATGACCTTGCTGAATGCTAGA	1200
Canine	Microtrou	1151	ATGAGGGAAATTGAAATTCAAGAACATGACCTTGCTAAATGCTAGA	1200
		*****	*****	*****
Mouse	Microtrou	1201	TGGGAGGGCCTCCGGTGGAGGCAATGGAGGGAGTTGCTGAATGCAAGG	1250
Human	Microtrou	1201	TGGGAGGCTTGGGGAGGATGGACAGACAGTCCGGTGGCAGCA	1250
Canine	Microtrou	1201	TGGGAGGGCACTCAGGGTGGATAGTATGAAAGACAGTCCGGTGGCATGA	1250
		*****	*****	*****

FIG. 1F

Mouse	Microtrou	1251	CGCTCTGATGGAGCTGCCAGAAGAAACAGCTGCAGCAGCTCTCAAGCTGGC	1300
Human	Microtrou	1251	TGTGCTGATGGAACTCGAGAAGCAACTGGAGCAGCTCTCGCCCTGGT	1300
Canine	Microtrou	1251	TGTGTTGATGGAACTACAAAGAACAGCTGCAACAGCTCTGCCCTGGT	1300
*	*	*****	*****	*****
Mouse	Microtrou	1301	TGGCCCTCACAGAAGGGCGCATTCAGAAGGATGGAGGAGCCTCCCGCTGGT	1350
Human	Microtrou	1301	TAACACTCACAGGGAGCGCATTCAGAAGGATGGAAACACTTGGCCCGCTGGAT	1350
Canine	Microtrou	1301	TAACACTCACAGAAGAACGGCATTCAGAAGGATGGAAACCTGGCCCGCTGGAT	1350
*	*	*****	*****	*****
Mouse	Microtrou	1351	GATGACACTGCCCTCCCTGCAGAAGCTGCTTCAGAACATAAAAGTTGCA	1400
Human	Microtrou	1351	GATGATGTAATCTACAAAAGCTGCTAGAAGAACATAAAAGTTGCA	1400
Canine	Microtrou	1351	GATGATTAAAATCCCTACAAAAGCTACTAGAAGATCATAAACGTTGCA	1400
*****	*	*****	*****	*****
Mouse	Microtrou	1401	AAATGACCTGAAGGTGAACAGGTAAATTCTTAACCTCACATGG	1450
Human	Microtrou	1401	AAAGTGTATCTGGGTGAACAGGTGAAACTAAATTCAACTCACATGG	1450
Canine	Microtrou	1401	AAATGATCTGAGGGGAAACAGGTGAAAGGTAAATTCACTAACACATGG	1450
*****	*	*****	*****	*****
Mouse	Microtrou	1451	TGGTGATTGTGGATGAAAACAGTGGGAGAAGTGCACAGCTTCTGGAA	1500
Human	Microtrou	1451	TGGTCATTGTTGATGAAAACAGGGTGAAGGGTACAGCTATCCTAGAA	1500
Canine	Microtrou	1451	TGGTGATTGTTGATGAAAACAGGGTGAAGGTGACAGTGGCAACTGCTGGAA	1500
*****	*	*****	*****	*****

FIG. 1G

Mouse Microtrio	1501	GATCAGTTACAGAAA GACCAAGTTACAGAAA GATCAGTTACAGAAA	ACTGGGTGAGCGCTGG AACTTGGTGAACGGCTGG AACTTGGTGAACGGCTGG	ACGCTGATGCCGGCTGG ATGCCGATATGCCGGCTGG ATGCCGATATGCCGGCTGG	AC 1550 AC 1550 AC 1550		
Human Microtrio	1501						
Canine Microtrio	1501						
		**	*****	*****	*****		
Mouse Microtrio	1551	TGAAGAACGTTG Human Microtrio	1551 TGAAGAACG Canine Microtrio	TTGCAAGAAATC AGGGATGGCTAC AGGGATGGCTAC	AGAAATCAAA AGAAATCAAA AGAAATCAAA	TTCTGTGGCAGGAAT ATATGTGGCAGGAAT ATATGTGGCAGGAAT	1600 1600 1600
		**	*****	*****	*****		
Mouse Microtrio	1601	TATTGGAAAGG Human Microtrio	1601 TATTGGAAAG Canine Microtrio	GGCAGTGTCT AACAGTGCT AACAGTGCT	GGCTACCC GGCTAACCG GGCTAAC	GGAAAGGAGAG AAAGGAGAG AAAGGAGAG	1650 1650 1650
		**	*****	*****	*****		
Mouse Microtrio	1651	GCTTGGATAAAG Human Microtrio	1651 GCTTAAATAAAG Canine Microtrio	TTCAAACT CCAGAAC CCAGAAC	TTAAAGAC CTCAAGAC CAAGAC	CCAGAACTAAAG AAAGCAACTAAAG AAAGCAACTAAAG	1700 1700 1700
		**	*****	*****	*****		
Mouse Microtrio	1701	TGTCAAGTGT Human Microtrio	1701 TGTCAAGTGT Canine Microtrio	CGGGCTCTGG CGATCCGACG GGCTATTTG	GGCTATATTG GACATGGAAAT GGCTATTTG	GAAGACATGGAAATGAAGA GAAGACATGGAAATGAAGC GAAGACATGGAAATGAAC	1750 1750 1750
		**	*****	*****	*****		

FIG. 1H

Mouse	Microtrro	1751	GGCAGACTCTGGATCAACTGAGTGGAGATTGGCCAGGATGTGGGCCAATTA	1800
Human	Microtrro	1751	GTCAAACATTGGATCAGCTGAGTGGAGATTGGCCAGGATGTGGGACAATTA	1800
Canine	Microtrr	1751	GTCAGGGCATTTGGATCAGCTGAGTGGAGATTGGCCAGGATGTGGGCCAATTA	1800
* * * * *				
Mouse	Microtrro	1801	CTCAGTAATCCAAAGGCATCTAAGAAGATGAACAGTGA	1850
Human	Microtrro	1801	CTTGATAATTCCAAGGCATCTAAGAAGATCAACAGTGA	1850
Canine	Microtrr	1801	GTGATAATTCCAAGGCATCTAAGAAGATCAACAGTGA	1850
* * * * *				
Mouse	Microtrro	1851	AACACAGAGATGGGATTCTCTGGTTCAGAGACTCGAAGACTCTCTTAACC	1900
Human	Microtrro	1851	GACTCAAAGATGGGATTCTTGGTTCAAGAGACTAGAAGATTCCCTCCAACC	1900
Canine	Microtrr	1851	AACTCAGAGATGGGATTCTTGGTTCAAGAGACTAGAAGATTCCCTAGGCC	1900
* * * * *				
Mouse	Microtrro	1901	AGGTGACTCAGGGGTAGCGAAGCTCGGCATGTCCAGATTCCACAGAAAG	1950
Human	Microtrro	1901	AGGTGACTCAGGGCTGAGCAAGCTGGGGATGTCTCAGATTCTCAGAAAG	1950
Canine	Microtrr	1901	AGGTGACTCAGGCTGGCAAAAGCTGGGATGTCCCAAAATTCTCAGAAA	1950
* * * * *				
Mouse	Microtrro	1951	GACCTATTGGAGACCGTTCATGTGAGAGAACAAAGGATGGTGAAGAAGCC	2000
Human	Microtrro	1951	GACCTTTGGAGACTGTTCGTGTAAGAGAACAGCAATTACAAAAAATC	2000
Canine	Microtrr	1951	GATCTTCTGGAGACTGTTCGCATAAGAGAACAGTAACTACAAAAGGTC	2000
* * * * *				

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FIG. 1J

Mouse	Microtrou	2251	CTGTC CAGTC AGCT GTCTCCAC TTGACTTGCATCCATCTCTAAAGATGTC	2300
Human	Microtrou	2251	TTATCCAGTCAGCTGTCTCCAC TTGACTTGCATCCATCTCTAAAGATGTC	2300
Canine	Microtrou	2251	TTATCCAGTCAGCTGTCTCCAC TTGACTTGCATCCATCTCTAAAGATGTC	2300
		*	*****	*****
Mouse	Microtrou	2301	TCGCCAGCTTAATATGGCATGGAAACTTCTACAGGTTCCG	2350
Human	Microtrou	2301	TCGCCAGCTTAATATGGCATGGAAACTTCTACAGGTTCTG	2350
Canine	Microtrou	2301	TCGCCAGCTTAATATGGCATGGAAACTTCTACAGGTTCTG	2350
		*	*****	*****
Mouse	Microtrou	2351	TGGACGATGCCCTTAAGCAGCTCCAGGAAGGCCACAGAGATT TGGGCCA	2400
Human	Microtrou	2351	TGGATGATGCCCTTAACAGCTTCAGGAAGCCCACAGAGATT TGGACCA	2400
Canine	Microtrou	2351	TGGATGATGCCCTTAACAGCTTCAGGAAGCCCATAGAGATT TGGCCA	2400
		*	*****	*****
Mouse	Microtrou	2401	TCTTCTCAACACTTCTGTC CACTT CAGTCCAGCTGCCGTGGCAGAGATC	2450
Human	Microtrou	2401	TCCTCTCAGCATTTCTCTACGCTCAGTCCAGCTGCCAAAGATC	2450
Canine	Microtrou	2401	TCCTCTCAGCATTTCTCTACGCTCAGTCCAGCTGCCATGGCAAAGATC	2450
		*	*****	*****
Mouse	Microtrou	2451	CATTTCACATAATAAGTGCCTTATTACATCAACCATCAACACAGACAA	2500
Human	Microtrou	2451	CATTTCACATAATAAGTGCCTTATTACATCAACCATCAACACAGACCA	2500
Canine	Microtrou	2451	CATTTCACATAATAAGTGCCTTATTACATCAACCATCAACACAGACAA	2500
		*	*****	*****

FIG. 1K

Mouse	Microtrout	2501	CCTGTTGGGATCATCCCTAAAATGACTGAGCTCTTCCAATCCCTTGCTGAT	2550
Human	Microtrout	2501	CCTGTTGGGACCATCCCTAAAATGACCGAACTCTTCAATCCCTTGCTGAC	2550
Canine	Microtrout	2501	CTGTTGGGACCGTCCCTAAAATGACTGAACCTCTTCAATCTTGTGAC	2550
		*	*****	*****
Mouse	Microtrout	2551	CTGAATAATGTAAGTCTCTGCTAACAGCAATCAAATTCTCGAAG	2600
Human	Microtrout	2551	CTGAATAATGTAAGTTCTGCTAACGGTACAGCAATCAAATCCGAAAG	2600
Canine	Microtrout	2551	CTGAATAATGTAAGTTCTGCTAACGGCATCAAAATCCGAAAG	2600
		*****	*****	*****
Mouse	Microtrout	2601	GCTGCAAAAGCATTATGTCGTGATCTTAGAGCTGAATAACGACGAATG	2650
Human	Microtrout	2601	ACTACAAAAGCATTATGTCGTGATCTTAGAGTGAAGTCAAACAAATG	2650
Canine	Microtrout	2601	ACTACAAAAGCATTATGTCGTGATCTTAGAGTGAATAACAAATG	2650
		*****	*****	*****
Mouse	Microtrout	2651	AAGTTTTCAAGCAGCACAAACTGAACCAAAATGATCAGCTCCCTGAGTGTCTGAGCT	2700
Human	Microtrout	2651	AAATTTCAAAACAGCACAAAGTGAACCAAAATGACCTCCCTCAGTGTCTGAGCT	2700
Canine	Microtrout	2651	AAAGTTTCAAAACAGCACAAACTGAACCAAAATGATCAGCTTCTTAGCGTT	2700
		*****	*****	*****
Mouse	Microtrout	2701	CCAGACGTCATCAAATGTCGACCACTTACGATGGCTTGAGCAGCT	2750
Human	Microtrout	2701	CCAGATGTCATCAAATGTCGACAAACCTTACGATGGACTTGGCAAAT	2750
Canine	Microtrout	2701	CCAGATGTCATCAAATGTCGACAAACAACTTATGATGGCTTGAACAAAT	2750
		*****	*****	*****

FIG. 1L

Mouse Microtrio	2751	GCACAGGACTGGTCAAATGTTCCAACTCTGGTCGATATGTGTCACT	2800
Human Microtrio	2751	GCATAAGGACCTGGTCAACGTTCCAACTCTGTTGATATGTGTCAATT	2800
Canine Microtrio	2751	GCATAAGGATCTGGTCAACGTTCCAACTCTGTTGGATATGTGTCAACT	2800
	***	*****	*****
Mouse Microtrio	2801	GGCTGCTCAACGTATAACGACACGGCCGGACTGGAAAAATTGGGTACAG	2850
Human Microtrio	2801	GGTTGCTCAATGTCATGGACACGGGTGCGAACCTGGAAAAATTAGGTGCAG	2850
Canine Microtrio	2801	GGTTGCTCAATGTCATGGATGACACGGGTGCGAACCTGGAAAAATAAGGTGCAG	2850
	**	*****	*****
Mouse Microtrio	2851	AGTCTGAAGAGATGGATTGGATGTCTCTCCAAAGGCCTTTAGAAGAGAA	2900
Human Microtrio	2851	AGTCTGAAGAGATGGATTAAATGTCTCTCCAAAGGTCTTGGAAAAAA	2900
Canine Microtrio	2851	AGTCTGAAGAGATGGATTGGATGTCTCTCCAAAGGTCTTGGAAAAAA	2900
	*****	*****	*****
Mouse Microtrio	2901	ATACAGATGTCCTTAAGGAGGTGGCAGGGCCAACTGAGATGTGTGACC	2950
Human Microtrio	2901	ATACAGATATCTTTAAGGAAGTTGCGGGCGACAGAAATGTGTGACC	2950
Canine Microtrio	2901	ATACAGATATCTCTTAAGGAGGTGGCAGGTGGCAGAAATGTGTGACC	2950
	*****	*****	*****
Mouse Microtrio	2951	AGCGGCAGCTGGCTGCTACTTCACGATGCCATCCAGATCCCTAGGCAG	3000
Human Microtrio	2951	AGAGGGCAGCTGGGCCCTGTTACTTCATGTCATGCAATCCAGATCCCCGGCAG	3000
Canine Microtrio	2951	AGAGGGCAGCTGGCCATGTCATGCAATCCAGATCCCTGGCAG	3000
	**	*****	*****

FIG. 1M

Mouse	Microtrou	3001	CTGGGGGAAGTAGCAGCCTTGGGGCAGTAACATTGAGCCCAAGTGTCCG	3050
Human	Microtrou	3001	CTAGGTGAAGTAGCAGCTTGGAGGCAAGTAATATTGAGCTAAGTGTTCG	3050
Canine	Microtrou	3001	CTGGGGGAAGTAGCAGCTTGGGGCAAGTAATATTGAAACCCAGTGTTCG	3050
		***	*****	*****
Mouse	Microtrou	3051	CAGCTGCTTCCAGCAGAATAACAACAGCAAGTGTAAAGGT	3100
Human	Microtrou	3051	CAGCTGCTTCCAACAGAATAACAATAACAGAAATAAGTGTAAAGGT	3100
Canine	Microtrou	3051	CAGCTGCTTCCAACAGAATAACAATAAGCCAGAGATAAGCAGATAAGGT	3100
		*****	*****	*****
Mouse	Microtrou	3101	TTATAGACTGGATGCAATTGGAACCCAGTGTCCATGGTGTGGTTGCCGGTT	3150
Human	Microtrou	3101	TTATAGATTGGATGCAATTGGAACCCAGTGTCCATGGTTGGCTCCCCAGTT	3150
Canine	Microtrou	3101	TTATAGATTGGATGGCTCTGGAACCCAGTGTCCATGGTTGGCTGCCAGTT	3150
		*****	*****	*****
Mouse	Microtrou	3151	CTGGCATCGGGTCCGAGCTGAGACTGCAAACATCAGGCCAAATGCATA	3200
Human	Microtrou	3151	TTACATCGAGTGGCAGCAGGGAGACTGCAGAAACATCAGGCCAAATGCATA	3200
Canine	Microtrou	3151	TTACACCGAGTGGCTGCAGCTGAGACTGCAGAAAGCATCAAGCTAAATGCATA	3200
		*****	*****	*****
Mouse	Microtrou	3201	CATCTGCAAAGAATGCCCGATTGGGGTTCAGATACAGGAGCCTAAAGC	3250
Human	Microtrou	3201	CATCTGTAAGAATGTCCAATTTGTCGGGTTCAGGTATAGAAGCCTTAAGC	3250
Canine	Microtrou	3201	CATCTGTAAGAATGTCCAATAGTTGGGTTCAGGTATAGAAGCCTAAAGC	3250
		*****	*****	*****

FIG. 1N

Mouse Microtrou	3251	ATTTAATTATGATGTCTGCCAGAGTTGCTTCTGGAAAGAACAGCA	3300
Human Microtrou	3251	ATTTAACTATGATGTCTGCCAGAGTTGTTCTGGGTGAAACAGCA	3300
Canine Microtrou	3251	ATTTAACTATGATGTCTGCCAGAGTTGGCTTCTGGGTGAAACGGCA	3300
	*****	*****	*****
Mouse Microtrou	3301	AAGGGCCACAAAGTTACATTACCCGATGGTAGAATACTGCATAACCGACAAC	3350
Human Microtrou	3301	AAAGGTCAACAAATTACATTACCCAAATGGTGGAAATTGTATAACCTACAAC	3350
Canine Microtrou	3301	AAAGGTCAACAAATTACATTACCCAAATGGTGGAAATTGTATAACCTACAAC	3350
	**	*****	*****
Mouse Microtrou	3351	ATCTGGGGAAAGATGTGAGAGATTCACTAAGGTGCTGAGAAACAAGTTCA	3400
Human Microtrou	3351	ATCTGGGGAAAGATGTGAGACTTACAAGGTACTTAAGAACAAAGTTCA	3400
Canine Microtrou	3351	ATCTGGGGAAAGATGTGAGACTTACAAGGTGCTGAGAAATAAGTTCA	3400
	*****	*****	*****
Mouse Microtrou	3401	GGTCCAAGAAATAATTGCCAAACATCCCTGGCTTACCTGGCTTGTC	3450
Human Microtrou	3401	GGTCGAAGAAGTACTTGGCCAACACCCCTCGACTTGGTTACCTGGCTGTC	3450
Canine Microtrou	3401	GATCAAAGAAATACTTGGCAAACATCCCTGGCTTACCTGGCTGTC	3450
	*	*****	*****
Mouse Microtrou	3451	CAGACCGTGCTGGAAAGGGACAACATTAGAAACTTGA	3486
Human Microtrou	3451	CAGACAGTTCTTGAAGGGACAACTTAGAGACTTGA	3486
Canine Microtrou	3451	CAGACAGTACTTGAAGGGTACAACTTAGAGACTTGA	3486
	*****	*****	*****

FIG. 2A

Canine Microtrutr	1	MAKYGEHEASPDNGONEFSDIKSRSDDEHNDVQKKTFTKWINARESKSGK	50
Human Microtrutr	1	MAKYGEHEASPDNGONEFSDIKSRSDDEHNDVQKKTFTKWINARESKSGK	50
Mouse Microtrutr	1	MAKYGDLEARPDDGQNEFSDIKSRSDDEHNDVQKKTFTKWINARESKSGK	50
***** * * * * *			
Canine Microtrutr	51	PPINDMFTDLKDGKRKLLDLEGITSLPKERGSTRVHALNNVNRLQVL	100
Human Microtrutr	51	PPINDMFTDLKDGKRKLLDLEGITSLPKERGSTRVHALNNVNRLQVL	100
Mouse Microtrutr	51	PPISDMFSDLKDGKRKLLDLEGITSLPKERGSTRVHALNNVNRLQVL	100
***** * * * * *			
Canine Microtrutr	101	HONNNVLNIGGTDIVDGNNHKLTLGLLWSIIILHMQVKDVMKDVMSDLQQT	150
Human Microtrutr	101	HONNNVELVNIGGTDIVDGNNHKLTLGLLWSIIILHMQVKDVMKDVMSDLQQT	150
Mouse Microtrutr	101	HONNNVLNIGGTDIVAGNPKLTLGLLWSIIILHMQVKDVMKDVMSDLQQT	150
***** * * * * *			
Canine Microtrutr	151	NSEKILLSSWVRQSTRPYSQVNVLNETTSWTDGLAFNAVLRHKPDLSFSD	200
Human Microtrutr	151	NSEKILLSSWVRQSTRPYSQVNVLNETTSWTDGLAFNAVLRHKPDLSFSD	200
Mouse Microtrutr	151	NSEKILLSSWVRQSTRPYSQVNVLNETTSWTDGLAFNAVLRHKPDLFWD	200
***** * * * * *			
Canine Microtrutr	201	RVVKMSPIERLHAFSKAQTYLGLIEKLLDPEDVAVQLPDKKSIIIMYLTS	250
Human Microtrutr	201	KVVKMSPIERLHAFSKAQTYLGLIEKLLDPEDVAVRLPDKKSIIIMYLTS	250
Mouse Microtrutr	201	EMVKMSPIERLHAFDKAHTSLGIEKLLSPETVAVHLPDKKSIIIMYLTS	250
***** * * * * *			

FIG. 2B

Canine Microutr	251	FEVLPOQVTIDAIREVETLPRKYKKECEEGEISIQQSSAEEHECPGAET	300
Human Microutr	251	FEVLPOQVTIDAIREVETLPRKYKKECEEEAINIQSTAAPEEEHESPRAET	300
Mouse Microutr	251	FEVLPOQVTIDAIREVETLPRKYKKECEEEIHQSVALEEGQSPPRAET	300
	***	***	***
Canine Microutr	301	PSTVTVFVDTDLDSYQIALEEVLTWLLSAEDTQEQQDISDDVVEVKEQFT	350
Human Microutr	301	PSTVTVFVDMDLDSYQIALEEVLTWLLSAEDTQEQQDISDDVVEVKDQFA	350
Mouse Microutr	301	PSTVTVFVDMDLDSYQIALEEVLTWLLSAEDTQEQQDISDDVVEVKEQA	350
	***	***	***
Canine Microutr	351	THEAFMMELTAHQSSVGSVLUQAGNQLITQGTLSDDEEEFEIQEQMILLNAR	400
Human Microutr	351	THEAFMMELTAHQSSVGSVLUQAGNQLITQGTLSDDEEEFEIQEQMILLNAR	400
Mouse Microutr	351	THEETMMELTAHQSSVGSVLUQAGNQLMTQGTLSRREEEFEIQEQMILLNAR	400
	***	***	***
Canine Microutr	401	WEALRVDSMNQSRILHDVLMELQKKLQQQLSAWLTLTTEERIQKMETCPLD	450
Human Microutr	401	WEALRVESMDRQSRILHDVLMELQKKLQQQLSAWLTLTTEERIQKMETCPLD	450
Mouse Microutr	401	WEALRVESMEROQSRILHDALMEIQKKLQQQLSSWIALTEERIQKMESLPLG	450
	***	***	***
Canine Microutr	451	DDIKSLOKILLEDHKRLONDLEAQVKVNSLTHMVIVDENSGESATAVLE	500
Human Microutr	451	DDVKSLOKILLEEHKSLSQDLEAQVKVNSLTHMVIVDENSGESATAVLE	500
Mouse Microutr	451	DDLPSLQKILQEHKSLQNDLEAQVKVNSLTHMVIVDENSGESATAVLE	500
	***	***	***
Canine Microutr	501	DQLOQKGERWTAFCRWTTEERWSRQLQEINILWQELLEQCLLKAWLTEKEEE	550
Human Microutr	501	DQLOQKGERWTAFCRWTTEERWNRLQEINILWQELLEQCLLKAWLTEKEEE	550
Mouse Microutr	501	DQLOQKGERWTAFCRWTTEERWNRLQEISILWQELLEQCLLAWLTEKEEE	550
	***	***	***

FIG. 2C

Canine Microtr	551	ALNKVQTSDQKELSVSIRRLAILKEDEMEMKROALDQOLSEIGODVGQL	600
Human Microtr	551	ALNKVQTSDQKELSVSIRRLAILKEDEMEMKROALDQOLSEIGODVGQL	600
Mouse Microtr	551	ALDKVQTSDQKELSVSIRRLAILKEDEMEMKROALDQOLSEIGODVGQL	600
	***	*****	*****
Canine Microtr	601	VDNPKAASKKINSDSEELTQRWDSIVQRLEDSSQVTOAVAKLGMSQIPQK	650
Human Microtr	601	LDNSKAASKKINSDSEELTQRWDSIVQRLEDSSNQVTOAVAKLGMSQIPQK	650
Mouse Microtr	601	LSNPKAASKMNSDSEELTQRWDSIVQRLEDSSNQVTOAVAKLGMSQIPQK	650
	***	*****	*****
Canine Microtr	651	DLEETVIREQVTTKRSKQELPPPPPKKKRQIPVDLEKLRDLOGAMDDLD	700
Human Microtr	651	DLEETVVRVREQAIIKKSKQELPPPPPKKKRQIHVDLEKLRDLOGAMDDLD	700
Mouse Microtr	651	DLEETVHVREQGMVKKPKQELPPPPPKKKRQIHVDLEKLRDLOGAMDDLD	700
	***	*****	*****
Canine Microtr	701	VDMKEAEAVRNGWKPVGDLLIDSLODHIETKMAFREEIAPINLKVKTVND	750
Human Microtr	701	ADMKEAESVRNGWKPVGDLLIDSLODHIETKIMAFREEIAPINEFKVKTVND	750
Mouse Microtr	701	ADMKEVEAVRNGWKPVGDLLIDSLODHIETKLAFREEIAPINLKVKTMND	750
	***	*****	*****
Canine Microtr	751	LSSQLSPIDLHPSLKMSRQLDDLNMRWKLQLQSVSVDDRLKQLQEAHRDEGP	800
Human Microtr	751	LSSQLSPIDLHPSLKMSRQLDDLNMRWKLQLQSVSVDDRLKQLQEAHRDEGP	800
Mouse Microtr	751	LSSQLSPIDLHPSLKMSRQLDDLNMRWKLQLQSVSVDDRLKQLQEAHRDEGP	800
	***	*****	*****

FIG. 2D

Canine Microtr	801	SSQHFLSTSVQLPWQRSILSHNKVPPYYINHQTTCDRPKMTELFQSLAD	850
Human Microtr	801	SSQHFLSTSVQLPWQRSILSHNKVPPYYINHQTTCDRPKMTELFQSLAD	850
Mouse Microtr	801	SSQHFLSTSVQLPWQRSILSHNKVPPYYINHQTTCDRPKMTELFQSLAD	850
	*****	*****	*****
Canine Microtr	851	LNNVRESAYRTAIKIRRIQKALCCLDLLENTNEVKQHKLNQNNDQLLSV	900
Human Microtr	851	LNNVRESAYRTAIKIRRIQKALCCLDLLENTNEVKQHKLNQNNDQLLSV	900
Mouse Microtr	851	LNNVRESAYRTAIKIRRIQKALCCLDLLENTNEVKQHKLNQNNDQLLSV	900
	*****	*****	*****
Canine Microtr	901	PDVINCLTTTYDGLEQMHKDLVNVLPLCVDMCILNWLNNVYDTGRTGKIRVQ	950
Human Microtr	901	PDVINCLTTTYDGLEQMHKDLVNVLPLCVDMCILNWLNNVYDTGRTGKIRVQ	950
Mouse Microtr	901	PDVINCLTTTYDGLEQMHKDLVNVLPLCVDMCILNWLNNVYDTGRTGKIRVQ	950
	*****	*****	*****
Canine Microtr	951	SLKIGLMSLSKGILLEEKYRYLFEKEVAGPTEMCQRQLGLLHDAIQIPRQ	1000
Human Microtr	951	SLKIGLMSLSKGILLEEKYRYLFEKEVAGPTEMCQRQLGLLHDAIQIPRQ	1000
Mouse Microtr	951	SLKIGLMSLSKGILLEEKYRYLFEKEVAGPTEMCQRQLGLLHDAIQIPRQ	1000
	*****	*****	*****
Canine Microtr	1001	LGEVAAFGGSNIEPSVRSFCQQNNNKPEISVKDFIDWMRLEPQSMVWL.PV	1050
Human Microtr	1001	LGEVAAFGGSNIEPSVRSFCQQNNNKPEISVKREFIDWMHLEPQSMVWL.PV	1050
Mouse Microtr	1001	LGEVAAFGGSNIEPSVRSFCQQNNNKPEISVKREFIDWMHLEPQSMVWL.PV	1050
	*****	*****	*****
Canine Microtr	1051	LHRVAAAETAKHQAKCNICKECPIVGERYRSILKHENYDVCOSCFSGRTA	1100
Human Microtr	1051	LHRVAAAETAKHQAKCNICKECPIVGERYRSILKHENYDVCOSCFSGRTA	1100
Mouse Microtr	1051	LHRVAAAETAKHQAKCNICKECPIVGFRYRSILKHENYDVCOSCFSGRTA	1100
	*****	*****	*****

FIG. 2E

Canine Microtr 1101 KGHKLHYPMVEYCIPTTSGEDVRDFTKVLKNKFRSKKYFAKHPRIGYLPV 1150
Human Microtr 1101 KGHKLHYPMVEYCIPTTSGEDVRDFTKVLKNKFRSKKYFAKHPRIGYLPV 1150
Mouse Microtr 1101 KGHKLHYPMVEYCIPTTSGEDVRDFTKVLKNKFRSKKYFAKHPRIGYLPV 1150

Canine Microtr 1151 QTVLEGDNLETN 1162
Human Microtr 1151 QTVLEGDNLETN 1162
Mouse Microtr 1151 QTVLEGDNLETN 1162

Formatted Alignments

Fig 3A

360 Human *Utrypophin* HINGE 1 370 Human *Distrypophin* EXPRESSIONS

380 Human *Utrypophin* 390 Human *Distrypophin* REPEAT 1 400 Human *Utrypophin* 410 Human *Distrypophin*

420 Human *Utrypophin* 430 Human *Distrypophin* REPEAT 1 440 Human *Utrypophin* 450 Human *Distrypophin*

460 Human *Utrypophin* 470 Human *Distrypophin* REPEAT 1 480 Human *Utrypophin* 490 Human *Distrypophin*

500 Human *Utrypophin* 510 Human *Distrypophin* REPEAT 2 520 Human *Utrypophin* 530 Human *Distrypophin*

540 Human *Utrypophin* 550 Human *Distrypophin* REPEAT 2 560 Human *Utrypophin* 570 Human *Distrypophin*

580 Human *Utrypophin* 590 Human *Distrypophin* REPEAT 3 600 Human *Utrypophin* 610 Human *Distrypophin*

620 Human *Utrypophin* 630 Human *Distrypophin* REPEAT 3 640 Human *Utrypophin* 650 Human *Distrypophin*

F16 3B

Human Ultrafugation K *Human Dextran* 8 REPEAT 3 660
 K S E I N S D S E V O R D S E N Q V A K L G - M S Q K D L
 A R E T O T O R V O T O A T E Q T T Q E S L T Q T V M E T
 T E A W L D N F A R C D N E Q T A Q E L Q A X T Q E L T Q T V M E T

Human Electrophysiology		Human Electrophysiology		HINGE 2		HINGE 3		FAKE EYES		FAKE EYES		REPEAT 4	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Human Utrypkin *Human Utrypkin*

Human *Utrypia bin* Human *Extrypia bin*

Human <i>Utrypsin</i>		Human <i>Desutrypsin</i>		REPEAT 5	
K	LE	M	TP	M	8
Q	LE	M	TP	8	Q

	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985
<i>Human Ultrafavin</i>	ELK	GQ	GH	L	LK	T	D	V	ND	SEN	Q	S	LN	V	ND	LA	KV	EA	Q
<i>Human Farnesylfavin</i>	IFD	TL	PMR	Q	ET	M	SA	IT	W	SET	SET	SP	Q	Q	Q	Y	ME	RL	KT

Fig 3c

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FIG 3D

FIG 3E

	1770	1777	1780	1787
<i>Human Utriculus</i>	N Q L E I D G N A H J S T V I Y Q A E A L L D E I E X K P T S K Q H E Y E R I V S E L D B A N			
<i>Human Districhia</i>	K H M E T D Q	K H M E T D Q	K H M E T D Q	K H M E T D Q

	1760	1777	1787	1797	1807
<i>Human Ultramaria</i>	L Q V E N V F D Q A I D Q X T	I M W A G S M A N G N M A N	S S E L V E P D H C E K Q I S E V E P	K A E A N P E R R A E Q I S E V E P	P E K V S A S H E R A S H E R
<i>Human Dystrophin</i>	P K V D				

*Human *Utricularia** A Q E P I Y O C L V U T T E E T C T I E S D I E K L E N D E N M E K F V E K H L E S S D E D E K
*Human *Desmodium** P L K E L E Q F N S D I Q - - - - - K I L E P T E A E I Q Q G N L K E E D F N - K D M N E

	1837	1838	1839	1840
<i>Human Ultrrophia</i>	1	1	1	1
<i>Human Dystrophia</i>	1	1	1	1

Human Ultraviolet Human Ultraviolet PRE-ALBUMIN HOMOLOGUE AND PRE-ALBUMIN PRECURSORS

PERIODICALS RECEIVED IN 1990

	2000	2000	2000	2000
<i>Human Myophin</i>	- - - - -	A I P I Q Q R K	Q L A - S G T R S	D P T I V E I N T L C M D
<i>Human Myoquinin</i>	-----	-----	-----	D P T I V E I N T L C M D

4
3
5
4

26/30

Human *Utrypophin* S 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2360	2370	2380	2390	2400
1100	1100	1100	1100	1100
1100	1100	1100	1100	1100
1100	1100	1100	1100	1100
1100	1100	1100	1100	1100

	2640	2639	2638	2637	2636
<i>Human Chrysin</i>	H G V E L E Q C O T E D M E L I F S Q V D D H R E E T E E Y L Q Q A R R - D P				
<i>Human Dicentrin</i>	H H Q N R Q Q N E	Q Q N E	Q V L F A K T E A E Q Y L G Q A R A K L E S W K E G P Y T Y D A		

2650	2649	2648	2647	2646
EDMUND	EDWARD	EDWARD	EDWARD	EDWARD
EDWARD	EDWARD	EDWARD	EDWARD	EDWARD
EDWARD	EDWARD	EDWARD	EDWARD	EDWARD
EDWARD	EDWARD	EDWARD	EDWARD	EDWARD

FIG-3H

28/30

Human *Utrypophin* V DATE THREE N DATE Q DATE I D I L A T E E Q Q M Q D I C U L I A H N D U T E S S I D G U R O T M Y K A
Human *Distryphin* Q DATE E D Y K G A T I M K Q V Q D C E L A T I D V H N I D E N S Q X I L P S 28/30

Human *Utrypophin* G N S U T M L O H P D D M N Q P E N N D L E A E S S S P A H I E A S A E K W N R Y L M E E
Human *Distryphin* I E G B D V L I O P I A N M N F E S E L E K E R I N N S H I E A S S D Q V K P H I S T Q 28/30

Human *Utrypophin* E T K V I T M E D D E P K E O M T E S D V T A E Q L Q Y D H C Y A L E P L K E E Y S V L N A
Human *Distryphin* E T V I T M E D D E P K E O M T E S D V T A E Q L Q Y D H C Y A L E P L K E E Y S V L N A 28/30

Human *Utrypophin* V D Q A E P T I A D O T I E A P E P R R A T Q S E T E D E P Q K T A F T M B E Q Q S E V K
Human *Distryphin* I E T V I T M E D D E P K E O M T E S D V T A E Q L Q Y D H C Y A L E P L K E E Y S V L N A 28/30

Human *Utrypophin* E K P E S L A Y T S N V O E Q V D K A I F T E D I Q S A M D E D A D M F E A E S V E N G Y K P
Human *Distryphin* T E M K I N H A D V O E K I D E T I E P I Q F I C E A T D E D I K L R Q A T V I E G S V Q E 28/30

Human *Utrypophin* V E D I T D E L Q P H I E K M F F E E L A T E N F K Y K T A N D E S S Q U S P I L D I H P S L K
Human *Distryphin* T E M K I N H A D V O E K I D E T I E P I Q F I C E A T D E D I K L R Q A T V I E G S V Q E 28/30

Human *Utrypophin* M S R Q T P P D T M P Y I T V A V E D F P Q I H R D F G P A R Q H T I S V Q G P V E
Human *Distryphin* N L S T L E D H T P V D I H R D F G P A R Q H T I S V Q G P V E 28/30

FIG 31

2220	2221	2222	2223	2224
Humanitärer Humanitärer	Humanitärer Humanitärer	Humanitärer Humanitärer	Humanitärer Humanitärer	Humanitärer Humanitärer

Human Uteroplacental Growth Factor	2237		2238		2239
	1000	500	1000	500	
1000	++	++	++	++	++
500	++	++	++	++	++
100	++	++	++	++	++
50	++	++	++	++	++
25	++	++	++	++	++
12.5	++	++	++	++	++
6.25	++	++	++	++	++
3.125	++	++	++	++	++
1.5625	++	++	++	++	++
0.78125	++	++	++	++	++
0.390625	++	++	++	++	++
0.1953125	++	++	++	++	++
0.09765625	++	++	++	++	++
0.048828125	++	++	++	++	++
0.0244140625	++	++	++	++	++
0.01220703125	++	++	++	++	++
0.006103515625	++	++	++	++	++
0.0030517578125	++	++	++	++	++
0.00152587890625	++	++	++	++	++
0.000762939453125	++	++	++	++	++
0.0003814697265625	++	++	++	++	++
0.00019073486328125	++	++	++	++	++
0.000095367431640625	++	++	++	++	++
0.0000476837158203125	++	++	++	++	++
0.00002384185791015625	++	++	++	++	++
0.000011920928955078125	++	++	++	++	++
0.0000059604644775390625	++	++	++	++	++
0.00000298023223876953125	++	++	++	++	++
0.000001490116119384765625	++	++	++	++	++
0.0000007450580596923828125	++	++	++	++	++
0.00000037252902984619140625	++	++	++	++	++
0.000000186264514923095703125	++	++	++	++	++
0.0000000931322574615478515625	++	++	++	++	++
0.00000004656612873077392578125	++	++	++	++	++
0.000000023283064365386962890625	++	++	++	++	++
0.0000000116415321826934814453125	++	++	++	++	++
0.00000000582076609134674072265625	++	++	++	++	++
0.000000002910383045673370361328125	++	++	++	++	++
0.000000001455191522836685180640625	++	++	++	++	++
0.0000000007275957614183425903203125	++	++	++	++	++
0.00000000036379788070917129516015625	++	++	++	++	++
0.000000000181898940354585647580078125	++	++	++	++	++
0.0000000000909494701772928237900390625	++	++	++	++	++
0.00000000004547473508864641189501953125	++	++	++	++	++
0.000000000022737367544323205947509765625	++	++	++	++	++
0.0000000000113686837721616029725048828125	++	++	++	++	++
0.00000000000568434188608080148625244140625	++	++	++	++	++
0.00000000000284217094304040074312622265625	++	++	++	++	++
0.000000000001421085471520200371563111328125	++	++	++	++	++
0.0000000000007105427357601001857815556640625	++	++	++	++	++
0.0000000000003552713678800500928907778125	++	++	++	++	++
0.00000000000017763568394002504644538890625	++	++	++	++	++
0.000000000000088817841970012523222744453125	++	++	++	++	++
0.0000000000000444089209850062616113722265625	++	++	++	++	++
0.000000000000022204460492503130805686111328125	++	++	++	++	++
0.0000000000000111022302462515654028430555625	++	++	++	++	++
0.000000000000005551115123125782701421527778125	++	++	++	++	++
0.00000000000000277555756156289135071076388640625	++	++	++	++	++
0.0000000000000013877787807814456753553819453125	++	++	++	++	++
0.00000000000000069388939039072283767779597265625	++	++	++	++	++
0.00000000000000034694469519536118888897798640625	++	++	++	++	++
0.0000000000000001734723475977305944444989938640625	++	++	++	++	++
0.000000000000000086736173798865297222249746953125	++	++	++	++	++
0.00000000000000004336808689943264861112487347265625	++	++	++	++	++
0.0000000000000000216840434497163243055624367388640625	++	++	++	++	++
0.000000000000000010842021724858162152781218369453125	++	++	++	++	++
0.0000000000000000054210108624290810763906091847265625	++	++	++	++	++
0.00000000000000000271050543121454053819530450938640625	++	++	++	++	++
0.00000000000000000135525271560727026909765225047265625	++	++	++	++	++
0.0000000000000000006776263578036351345488261252388640625	++	++	++	++	++
0.000000000000000000338813178901817567274413062619453125	++	++	++	++	++
0.0000000000000000001694065894509088286372065313097265625	++	++	++	++	++
0.0000000000000000000847032947254544143186032656548640625	++	++	++	++	++
0.000000000000000000042351647362727207159301632824938640625	++	++	++	++	++
0.00000000000000000002117582368136360357965081641247265625	++	++	++	++	++
0.0000000000000000000105879118406818017898254082062388640625	++	++	++	++	++
0.000000000000000000005293955920339090894912704103119453125	++	++	++	++	++
0.0000000000000000000026469779601695454474563520515597265625	++	++	++	++	++
0.0000000000000000000013234889800847727237281760257798640625	++	++	++	++	++
0.000000000000000000000661744490042388361864088012889938640625	++	++	++	++	++
0.00000000000000000000033087224502119418093204400644497265625	++	++	++	++	++
0.0000000000000000000001654361225105970904660220032224938640625	++	++	++	++	++
0.000000000000000000000082718061255298545233011001611247265625	++	++	++	++	++
0.00000000000000000000004135903062764927266655550080562388640625	++	++	++	++	++
0.0000000000000000000000206795153138246363332777504028119453125	++	++	++	++	++
0.0000000000000000000000103397576569123181666388752014057265625	++	++	++	++	++
0.0000000000000000000000051698788283951590833194376007028640625	++	++	++	++	++
0.000000000000000000000002584939414197579541659718800351438640625	++	++	++	++	++
0.000000000000000000000001292469707098789775829859400175719453125	++	++	++	++	++
0.0000000000000000000000006462348535493948879149297000878597265625	++	++	++	++	++
0.0000000000000000000000003231174267746979596574693500439297265625	++	++	++	++	++
0.000000000000000000000000161558713387348979833734675021964938640625	++	++	++	++	++
0.0000000000000000000000000807793566936744899668673375109824938640625	++	++	++	++	++
0.000000000000000000000000040389678346837244983435668755491247265625	++	++	++	++	++
0.00000000000000000000000002019483917341862249171783437774562388640625	++	++	++	++	++
0.000000000000000000000000010097419586709311245858917188872819453125	++	++	++	++	++
0.0000000000000000000000000050487097933546556229294585944364447265625	++	++	++	++	++
0.00000000000000000000000000252435489667732781146472929722322388640625	++	++	++	++	++
0.000000000000000000000000001262177448338663905732364648611619453125	++	++	++	++	++
0.0000000000000000000000000006310887241693331978661823243058047265625	++	++	++	++	++
0.000000000000000000000000000315544362083666598930901162152502388640625	++	++	++	++	++
0.0000000000000000000000000001577721810418332974645005810762519453125	++	++	++	++	++
0.0000000000000000000000000000788860905209166493222502905038757265625	++	++	++	++	++
0.0000000000000000000000000000394430452604583246611251450249378640625	++	++	++	++	++
0.000000000000000000000000000019721522630229162330562572512489938640625	++	++	++	++	++
0.00000000000000000000000000000986076131511458116528128630064497265625	++	++	++	++	++
0.000000000000000000000000000004930380657557290582640643150324938640625	++	++	++	++	++
0.00000000000000000000000000000246519032877864529132032157516247265625	++	++	++	++	++
0.000000000000000000000000000001232595164389322645660160787581238640625	++	++	++	++	++
0.000000000000000000000000000000616297582194661322830080393795647265625	++	++	++	++	++
0.000000000000000000000000000000308148791097330661415040196897819453125	++	++	++	++	++
0.000000000000000000000000000000154074395548665330707520098448938640625	++	++	++	++	++
0.00000000000000000000000000000007703721777433266505376004922447265625	++	++	++	++	++
0.000000000000000000000000000000038518608887166332526880024612347265625	++	++	++	++	++
0.000000000000000000000000000000019259304443583166263440012306179453125	++	++	++	++	++
0.00000000000000000000000000000000962965222179158313172000615308938640625	++	++	++	++	++
0.0000000000000000000000000000000048148261108957915658600030765447265625	++	++	++	++	++
0.000000000000000000000000000000002407413055447895782930001538272388640625	++	++	++	++	++
0.00000000000000000000000000000000120370652772394789165000076913647265625	++	++	++	++	++
0.0000000000000000000000000000000006018532638619739458250003845682388640625	++	++	++	++	++
0.00000000000000000000000000000000030092663193098697291250019228419453125	++	++	++	++	++
0.000000000000000000000000000000000150463315965493486561250096142097265625	++	++	++	++	++
0.000000000000000000000000000000000075231657982747143280625048070547265625	++	++	++	++	++
0.0000000000000000000000000000000000376158289913735716403125240352747265625	++	++	++	++	++
0.00000000000000000000000000000000001880791449568678582015625121763747265625	++	++	++	++	++
0.000000000000000000000000000000000009403957247833392910078125608818747265625	++	++	++	++	++
0.00000000000000000000000000000000000470197862391669645503937530443938640625	++	++	++	++	++
0.0000000000000000000000000000000000023509893119583482275196875152218747265625	++	++	++	++	++
0.00000000000000000000000000000000000117549465597917411375937577610938640625	++	++	++	++	++
0.000000000000000000000000000000000000587747327989587056879687538854747265625	++	++	++	++	++
0.00000000000000000000000000000000000029387366399479352843984379447238640625	++	++	++	++	++
0.000000000000000000000000000000000000146936831977396764219687519711938640625	++	++	++	++	++
0.000000000000000000000000000000000000073468415988698382109843759855938640625	++	++	++	++	++
0.00000000000000000000000000000000000003673420799434919105492187549296747265625	++	++	++	++	++
0.0000000000000000000000000000000000000183671039771745955274609372714838640625	++	++	++	++	++
0.00000000000000000000000000000000000000918355198858					

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EXON 71

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ଶ୍ରୀମଦ୍ଭଗବତ

Human differentiation

Human Electrophysiology

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FIG. 3